

C14
X
AUG 13 1988

Mr Emmitt Southard
RR #1
Joplin, Missouri 64801

Dear Mr Southard

Enclosed is a copy of the analytical results and field sheet for the water sample collected from the well on your property in February 1986. The samples was taken by Steven Vaughn of Ecology and Environment, a contractor for the United States Environmental Protection Agency (EPA)

We have reviewed the analytical results from your well and have found that the levels of lead exceed EPA's Primary Drinking Water Standards which were established for public water supplies and were set for health reasons (copy enclosed) The lead level, however, is below the level of concern for adverse health effects to livestock In addition, lead exposure is reduced by the presence of calcium The other metals identified in your sample are considered to be the natural or background level for your area

A key for interpreting the letter codes used and a map showing the sample location are also included If you have any questions regarding this analytical data, please contact Ms Shelley Brodie of my staff at (913) 236-2856 or at the above address

The State of Missouri regulates private water supplies If you have any questions regarding your well water, I suggest that you contact Dr John Bagby, Ph D, with the Missouri Department of Health Dr Bagby's phone number is 314/751-8508 His address is

Dr John Bagby, Ph D
Missouri Department of Health
1730 E Elm
Jefferson City, Missouri 65102

Sincerely yours,

Robert L Morby
Chief, Superfund Branch
Waste Management Division

Enclosures

cc Stan Jorgenson, MDNR (w/enclosures)
Dr John Bagby, Ph D, MDOH, (w/enclosure)
Mr William Gory, Jasper County Health Department

bcc Rowena Michaels, PBAF, Ron Ritter, CIGL, Ralph Langemeier, DRNK,
WSTM SPFD TECH FLEMING pdp x671 7/30/86 disk 1 Final 8 8/86 fg
TECH FLEMING TECH SKOWRONSKI TECH HERNDON SPFD MORBY

Site	Dronaga Duemal
ID #	401980686281
Rec #	1-3
Other	D.F.
	8 13 86

40113528



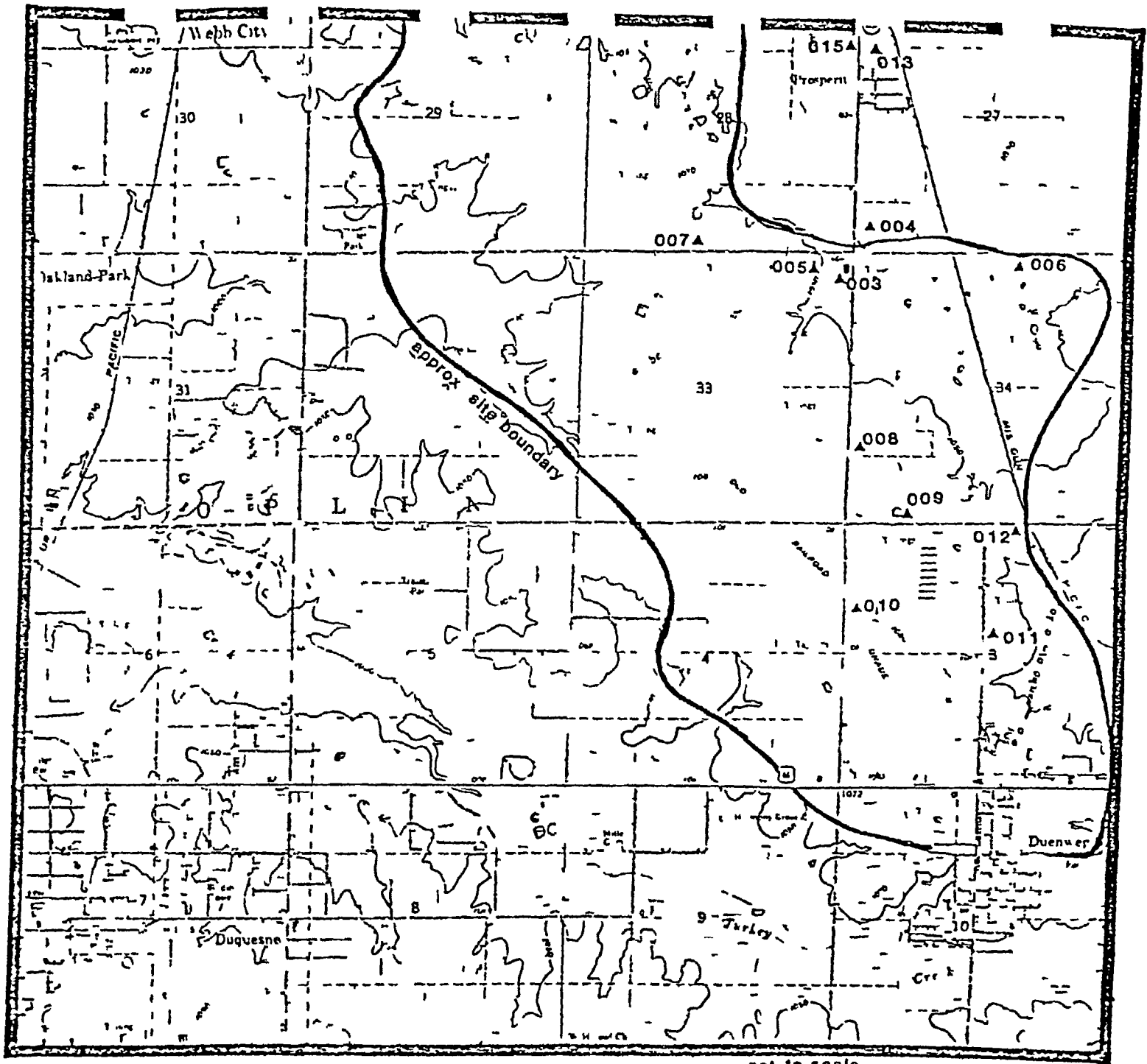
SUPERFUND RECORDS

Handwritten: 8-11-86

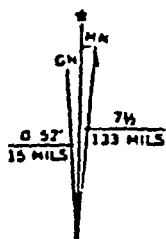
Handwritten: 8-13-86

DATA QUALIFIERS FOR EPA REGION VII

- U not detected For EPA VII lab data U is applied only in conjunction with detection limits For contract lab data it is applied to contract required limits
- M The value indicated is below the quantitation limit but above the detection limit
- J The value is of unknown quality Approximate value
- I analysis attempted but no result can be reported



not to scale



UTM GRID AND 1963 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

Figure 2a

FIELD SHEET

U S ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV 25 FUNSTON RD KANSAS CITY, KS 66115

Site Name TRI-STATE MINING Site Number: 36
Location JOPLIN MISSOURI Site Code:

Collected YR 86 MO 2 Day 24 Time 1600 Leader: S VAUGHN

Sample Number BKJ36004 SMD #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER:

Sample Split (circle one): YES NO

Sample Container : Tag Color : Preservative : Analysis Requested :

Sample Container	Tag Color	Preservative	Analysis Requested
CUBITAINER	White	see HNO ₃	TOTAL METALS

Depth N/A Pan # N/A Aliquots N/A

Samplers Doherty

Weatherford

COMMENTS OF FIELD PERSONNEL

Site Description Emmitt Southard's well sample (Livestock well)
SW 1/4, SW 1/4, sec 27, T28N, R32W

IBM-PC

TITLE: TRI-STATE MINING

SP CAL

SAMPLE REF: ----- ANALYST/ENTRY E34

MATRIX: WATER

METHOD: 9001H06

REVIEWER: FOSDYET

UNITS UG/L

CASE 5671

DATE: 04/07/86

SAMPLE NUMBERS

RkJ36004

COMPOUND

ALUMINUM	200	U
ANTIMONY --	60.0	U
ARSENIC	10 0	U
BARIUM	59 0	H
BERYLLIUM	5 00	U
CADMIUM	5 00	U
CALCIUM	180000	
CHROMIUM	10 0	U
COBALT	50 0	U
COFFER	25 0	U
IRON	1500	J
LEAD	79 0	
MAGNESIUM	1600	H
MANGANESE	16 0	
MERCURY	0 2	U
NICKEL	40 0	U
POTASSIUM	5000	U
SELENIUM	5 00	U
SILVER	10 0	U
SODIUM	7900	J
THALLIUM	10 0	U
TIN	10 0	U
VANADIUM	50 0	U
ZINC	2600	
CYANIDE		1